

**New Agency for Enforcement of National Building Codes and Bis
Codes in Construction of Buildings**

1146. SHRI NANA DESHMUKH: Will the Minister of URBAN DEVELOPMENT AND POVERTY ALLEVIATION be pleased to state:

(a) whether the collapse of high rise buildings in Gujarat have raised concerns regarding the safety of recently constructed buildings in Delhi;

(b) whether all civic agencies are now required to follow the provisions of National Building Codes and Bureau of India Standard Codes to ensure construction of only earthquake resistant buildings in the entire country including the Capital;

(c) if so, whether Government would establish a new agency strictly to enforce the new provisions throughout the country; and

(d) if not, what are Government's alternative plans for strict enforcement of the provisions?

THE MINISTER OF STATE IN THE MINISTRY *Of* URBAN DEVELOPMENT AND POVERTY ALLEVIATION (SHRI BANDARU DATTATRAYA): (a) and (b) It was stressed that all local bodies, civic agencies strictly adhere to the provisions of related Indian Standards and Codes in the design and construction of buildings and other structures to ensure safety through earthquake resistant building technologies as stipulated for different zones.

(c) There is no such proposal.

(d) Ministry of Urban Development and Poverty Alleviation is considering a legislation to regulate the work of professionals such as Engineers and others engaged in housing & construction activities. This is being done in consultation with Ministry of Human Resources and Development.

The Ministry had issued guidelines in 1998 to all States/UTs including Delhi to follow structural safety norms/building bye-laws in construction of buildings.

Cracks in Delhi Police Headquarter and AIIMS Building

1147. SHRI NANA DESHMUKH: Will the Minister of URBAN DEVELOPMENT AND POVERTY ALLEVIATION be pleased to state:

(a) whether Government are aware of the news-item captioned "Cracks in Delhi Police Headquarter, AIIMS building" appearing in Hindustan Times, dated the 30th January, 2001;

[7th March, 2001]

RAJYA SABHA

(b) whether these cracks in the two premier buildings are of serious nature;

(c) if so, the reasons for these cracks; and

(d) whether Government would order the maintenance department to at least check all the buildings all over Delhi thoroughly in view of recent earthquake in Gujarat?

THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT AND POVERTY ALLEVIATION (SHRI BANDARU DATTATRAYA): (a) Yes, Sir.

(b) and (c) Public Works Department of Delhi Government, which is responsible for the maintenance of Police Headquarters, have informed that they have inspected the building and it was found that one piece of marble cladding on the pillar wall separating the lobby area of the 5th floor of the building and the toilet had cracks. This crack was superficial and not of serious nature as building had been designed and constructed to withstand the forces of nature due to earthquake or high wind speed.

The AI! India Institute of Medical Sciences have informed that they have got their building inspected by a structural consultant and no cracks of serious nature were observed.

(d) Safety aspect of buildings in Delhi is governed by the Building Bye-laws which take care of the structural safety of the building constructed/proposed to be constructed. These building Bye-laws are regulated and implemented through various agencies like the DDA, MCD and NDMC. The Ministry of Urban Development and Poverty Alleviation has also been emphasizing the need for strictly curbing any violation of the Building Bye-laws by any person/persons and has been stressing upon the local bodies/authorities to take action as per Rules and Acts against unauthorized constructions. However, to provide for requisite safety measures in constructions of buildings in Delhi in respect of natural hazards by way of earthquake, a public notice has been issued on February 1, 2001 proposing suitable modifications/additions in clause 18 of Part III (structural safety and services) of the Building Bye-laws, 1983. A copy of the same is given in the Statement.

Statement*Copy of Public Notice regarding earthquake protection*

No.K-12010/5/79-DDIA/VA/IB

Government of India

Ministry of Urban Development & Poverty Alleviation
(Delhi Division)

Nirman Bhavan, New Delhi. dated the 1st Feb., 2001 To

The Media Officer,
DAVP,
PTI Building,
Parliament Street,
New Delhi.

Sub:—Request for publishing the Government Public Notice.

Sir,

Please find enclosed herewith a copy of Government Notice for publication in the daily newspapers such as The Hindustan Times. The Indian Express, The Times of India, The Navbharat Times and The Jansatta immediately.

Yours faithfully,

Sd/-

(R.C. Nayak)

Undersecretary (DDVA)

End: As above (three copies)

Copy to:

1. The Vice-Chairman, Delhi Development Authority, Vikas Bhavan, INA, New Delhi.
2. The Commissioner, MCD, Town Hall, Delhi.
3. The Chairman, NDMC, Palika Kendra, New Delhi.
4. The Pr. Secretary (UD), GNCTD, IP Estate, New Delhi.

Sd/-

(R.C. Nayak)

Under Secretary (DDVA)

[7th March, 2001]

RAJYA SABHA

**MINISTRY OF URBAN DEVELOPMENT AND POVERTY
ALLEVIATION (DELHI DIVISION)**

PUBLIC NOTICE

New Delhi, the 01 February, 2001

The matter of making suitable provision in the Building Bye-Laws, 1983 to ensure that the buildings that are erected in Delhi provide for the requisite safety features in respect of natural hazard by way of earthquake has been under the consideration of Government. The following modifications/additions which the Central Government propose to make in the Building Bye-Laws, 1983 in this regard are hereby published for public information. Any person having any objection or suggestion may send the same in writing to the Under Secretary, Delhi Division, Ministry of Urban Development & Poverty Alleviation, Nirman Bhavan, New Delhi-110 011 within a period of 30 days from the date of this notice. The person making the objection or suggestion should also give his name and address.

Modification:

- (i) Clause 18 of Part—III (Structural safety and Services) of the Building Bye-laws, 1983 will be modified as

"18. The structural design of foundation, masonry, timber, plain concrete, reinforced concrete, pre-stressed concrete and structural steel shall be carried out in accordance with Part-VI Structural Design, Section 1—Loads, Section 2—Foundation, Section-3—Wood, Section-4—Masonry, Section 5—Concrete, Section 6 —Steel of national Building Code of India, taking into consideration the Indian Standards given in Statement for earthquake protection of buildings." (*Sec below*)

(Note: Whenever an Indian Standard or the National Building Code is referred, the latest provision in the Indian Standard should be adhered to.)

- (ii) An additional Sub-Clause is proposed to be added under Clause 6.2.9. (Documents to accompany application for building permit) of Building Bye-Laws as follows:
- " (i) The certificate as indicated at Statement-II to be signed by the owner and the architect."

(No. K— 12016/5/79/DDIA/VA/
IB)

Sd/—

R.C. Nayak, Under Secretary

Statement—I*List of Indian Standards/Guidelines for Hazard Safely*

For Earthquake Protection

1. IS: 1893-1984 "Criteria for Earthquake Resistant Design of Structures (Fourth Revision)" June 1986.
2. IS: 13920-1993 "Ductile Detailing of Reinforced Concrete Structures subjected to Seismic Forces Code of Practice" November 1993.
3. IS: 4326-1993 "Earthquake Resistant Design and Construction of Buildings—Code of Practice (Second Revision)" October 1993.
4. IS: 13828-1993 "Improving Earthquake Resistance of Low Strength Masonry Buildings—Guidelines" August 1993.
5. IS: 13827-1993 "Improving Earthquake Resistance of Earthen Buildings—Guidelines", October 1993.
6. IS: 13935-1993 "Repair and Seismic Strengthening of Buildings—Guidelines", November, 1993.

Statement-II

Certificates are to be submitted along with the building drawings while submitting the plans

1. Certified that the building plans submitted for approval satisfy the safety requirements as stipulated under para 18 and the information given therein is actually correct to the best of our knowledge and understanding.

2. It is also certified that the structural design including safely from natural hazards has been prepared by duly qualified structural engineer.

Signature of Owner with date _____ Signature of the _____

Name in Block Letters _____ Architect with date _____

Address _____ Name in Block Letters _____

Address _____